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AQUAPANEL®

Exterior Basecoat

Cement-based mortar enhanced with synthetic resin



AQUAPANEL® Exterior Basecoat is a cement-bound, synthetic resin-enhanced basecoat. It is used when basecoating AQUAPANEL® Cement Board Outdoor with a thin layer of finishing plaster.

Preparation of the substrate

AQUAPANEL® Cement Board should be securely fastened to a dry, clean and dust-free load-carrying substructure.

Mixing

For manual application: stir the contents of the bag into approx. 5 litres of water. Apply and work the mixed plaster within 45 minutes.

For application by machine: Add approx. 140 litres of water initially and adjust to give a thin consistency.

Processing

Apply AQUAPANEL® Exterior Basecoat 5-7 mm thick, spread to achieve a flat surface free from irregularities. Embed the AQUAPANEL® Reinforcing Mesh over the full surface, keeping it free of folds, close to the surface and with 10 cm joint overlaps. Laying time is approx. 15 min. Open time is approx. 20 min at approx 20°C. For plaster layers < 1 mm thick or for felted surfaces or those to be painted, the 33 cm wide AQUAPANEL® Exterior Reinforcing Tape is required over the board joints. In this case, the AQUAPANEL® Tape (10 cm) can then be omitted. AQUAPANEL® Reinforcing Mesh is then placed over the whole surface area.

The total thickness of the reinforcing layer formed from the AQUAPANEL® Exterior Basecoat and the AQUAPANEL® Reinforcing Mesh should be a minimum of 5 mm. Processing time for the mixed plaster is 45 minutes at approx. 20°C. Before further processing allow a drying time of 1 day per mm of thickness.

Technical data

AQUAPANEL® Exterior Basecoat is a general purpose rendering mortar (GP) for internal and external use (CS II) according to EN 998 – 1.

Reaction to fire	A 2
Water absorption	W 2
Water vapour diffusion coeff. μ	11
Density of hardened mortar	1,35 Kg / dm ³
Density of powder in bulk	1,4 Kg / dm ³
Thermal conductivity $\lambda_{10,dry}$ (tab. value EN 1745)	$\leq 0,47 \text{ W/(m·K)}, P=50\%$ $\leq 0,54 \text{ W/(m·K)}, P=90\%$

Coverage

- Basecoat 5 mm application approx. 7.8 kg/m², using a standard trowel
- 3.2 m²/bag

Working time

Manual: approx. 8-10 minutes/m²
Machine: approx. 6 minutes/m²

Working temperature/climate

Do not use when air and/or wall temperatures are below +5°C. Protect fresh plaster from the effects of frost and rapid drying.

Method of delivery/storage

- 25 kg/bag
- Protect against moisture, storage life 6 months in a dry area

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